
Patrick Dwyer

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Personal Blog: autisticscholar.com

Education

- 2019 – present..... Student in Ph.D. Program in Developmental Psychology
Advanced to candidacy in 2020
Member, Neurocognitive Development Lab (Susan Rivera)
University of California, Davis, USA
- 2017 – 2019..... M.A. in Psychology
University of California, Davis, USA
- 2012 – 2017..... B.A. (Honours) in Psychology, minoring in Political Science
With Distinction
University of Victoria, Canada
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Publications

- Orendipe, T., Kofner, B., Riccio, A., Cage, E., Vincent, J., Kapp, S. K., **Dwyer, P.**, & Gillespie-Lynch, K. (In press.) Does learning you are autistic earlier in development lead to better adult outcomes? A participatory exploration of the perspectives of autistic students. *Autism*.
- Dwyer, P.**, Ryan, J. G., Williams, Z. J., & Gassner, D. L. (2022). First do no harm: Suggestions regarding respectful autism language. *Pediatrics*, *149*(s4): e2020049437N. <https://doi.org/10.1542/peds.2020-049437N>
- Brown, H. M., **Dwyer, P.**, Gassner, D. L., Kapp, S. K., Ne'eman, A., Ryan, J. G., Waisman, T., & Williams, Z. J. (2022). The Autism Intervention Research Network on Physical Health Autistic Researcher Review Board. *Pediatrics*, *149*(s4): e2020049437FF. <https://doi.org/10.1542/peds.2020-049437F>
- Kuo, A. A., Hotez, E., Rosenau, K. A., Gragnani, C., Fernandes, P., Haley, M., Rudolph, D., Croen, L. A., Massolo, M. L., Graham Holmes, L., Shattuck, P., Shea, L., Wilson, R., Martinez-Agosto, J. A., Brown, H. M., **Dwyer, P.**, Gassner, D. L., Kapp, S. K., Ne'eman, A., Ryan, J. G., Waisman, T. C., Williams, Z. J., DiBari, J. N., Foney, D. M., Ramos, L. R., & Kogan, M. D. (2022). The Autism Intervention Research Network on Physical Health (AIR-P) research agenda. *Pediatrics*, *149*(s4): e2020049437D. <https://doi.org/10.1542/peds.2020-049437D>
- Kuo, A. A., Hotez, E., Rosenau, K. A., Gragnani, C., Fernandes, P., Haley, M., Rudolph, D., Croen, L. A., Massolo, M. L., Graham Holmes, L., Shattuck, P., Shea, L., Wilson, R., Martinez-Agosto, J. A., Brown, H. M., **Dwyer, P.**, Gassner, D. L., Kapp, S. K., Ne'eman, A., Ryan, J. G., Waisman, T. C., Williams, Z. J., DiBari, J. N., Foney, D. M., Ramos, L. R., & Kogan, M. D. (2022). The Autism Intervention Research Network on Physical Health (AIR-P) Charter. *Pediatrics*, *149*(s4): e2020049437C. <https://doi.org/10.1542/peds.2020-049437C>
- Dwyer, P.** (2022). The neurodiversity approach(es): What are they and what do they mean for researchers? *Human Development*. <https://doi.org/10.1159/000523723>
- Dwyer, P.**, Mineo, E., Mifsud, K., Lindholm, C., Gurba, A., & Waisman, T. C. (2022.) Building neurodiversity-inclusive postsecondary campuses: Recommendations for leaders in higher education. *Autism in Adulthood*. <https://doi.org/10.1089/aut.2021.0042>

- Dwyer, P.** (2022). Stigma, incommensurability, or both? Pathology-first, person-first, and identity-first language and the challenges of discourse in divided autism communities. *Journal of Developmental and Behavioral Pediatrics*. <https://doi.org/10.1097/DBP.0000000000001054>
- Nordahl, C. W., Andrews, D. S., **Dwyer, P.**, Waizbard-Bartov, E., Restrepo, B., Lee, J. K., Heath, B., Saron, C., Rivera, S. M., Solomon, M., Ashwood, P., & Amaral, D. G. (2022). The Autism Phenome Project: Working towards identifying clinically meaningful subgroups of autism. *Frontiers in Neuroscience*, *15*: 786220. <https://doi.org/10.3389/fnins.2021.786220>
- Cheriyana, C., Shevchuk-Hill, S., Riccio, A., Vincent, J., Kapp, S., Cage, E., **Dwyer, P.**, Kofner, B., Attwood, H., Gillespie-Lynch, K. (2021). Exploring the career motivations, strengths, and challenges of autistic and non-autistic university students: Insights from a participatory study. *Frontiers in Psychology*, *12*: 719827. <https://doi.org/10.3389/fpsyg.2021.719827>
- Schuck, R. K., Tagavi, D. M., Penner-Baiden, K. M., **Dwyer, P.**, Williams, Z. J., Osuna, A., ... Vernon, T. W. (2021). Neurodiversity and autism intervention: Reconciling perspectives through a naturalistic developmental behavioral intervention framework. *Journal of Autism and Developmental Disorders*. <https://doi.org/10.1007/s10803-021-05316-x>
- Dwyer, P.**, Ferrer, E., Saron, C. D., & Rivera, S. M. (2021). Exploring sensory subgroups in typical development and autism spectrum development using factor mixture modelling. *Journal of Autism and Developmental Disorders*. <https://doi.org/10.1007/s10803-021-05256-6>
- Dwyer, P.**, Acevedo, S. M., Brown, H. M., Grapel, J., Jones, S. C., Nachman, B. R., Raymaker, D. M., & Williams, Z. J. (2021). An expert roundtable discussion on experiences of autistic autism researchers. *Autism in Adulthood*, *3*(3): 209-220. <https://doi.org/10.1089/aut.2021.29019.rtb>
- Dwyer, P.**, Wang, X., De Meo-Monteil, R., Hsieh, F., Saron, C. D., & Rivera, S. M. (2021). Using clustering to examine inter-individual variability in topography of auditory event-related potentials in autism and typical development. *Brain Topography*, *34*(5), 681-697. <https://doi.org/10.1007/s10548-021-00863-z>
- Brown, H., Stahmer, A., **Dwyer, P.**, & Rivera, S. M. (2021.) Changing the story: How diagnosticians can support a neurodiversity perspective from the start. *Autism*, *23*(5), 1171-1774. <https://doi.org/10.1177%2F13623613211001012>
- Dwyer, P.**, De Meo-Monteil, R., Saron, C. D., & Rivera, S. M. (2021.) Effects of age on loudness-dependent auditory ERPs in young autistic and typically-developing children. *Neuropsychologia*, *156*: 107837. <https://doi.org/10.1016/j.neuropsychologia.2021.107837>
- Gillespie-Lynch, K., **Dwyer, P.**, Constantino, C., Kapp, S. K., Hotez, E., Riccio, A., DeNigris, D., Kofner, B., & Endlich, E. (2020.) Can we broaden the neurodiversity movement without weakening it? Participatory approaches as a framework for cross-disability alliance building. In A.C. Carey, J. M. Ostrove, & T. Fannon (Eds.), *Disability Alliances and Allies: Opportunities and Challenges, Research in Social Science and Disability* (vol. 12). United Kingdom: Emerald Group Publishing Limited. <https://doi.org/10.1108/S1479-354720200000012013>
- Dwyer, P.**, Saron, C. D., & Rivera, S. M. (2020). Identification of longitudinal sensory subtypes in typical and autism spectrum development using growth mixture modelling. *Research in Autism Spectrum Disorders*, *78*: 101645. <https://doi.org/10.1016/j.rasd.2020.101645>

- Dwyer, P.,** Wang, X., De Meo-Monteil, R., Hsieh, F., Saron, C. D., & Rivera, S. M. (2020). Defining clusters of young autistic and typically developing children based on loudness-dependent auditory electrophysiological responses. *Molecular Autism, 11*: 48. <https://doi.org/10.1186/s13229-020-00352-3>
- Potter, L. A., Scholtze, D. A., Biag, H. M. B., Schneider, A., Chen, Y., Nugyen, D. V., Rajaratnam, A., Rivera, S. M., **Dwyer, P.,** Tassone, F., Choudharyi, N. S., Salcedo-Arellano, M. J., & Hagerman, R. J. (2019). A randomized controlled trial of sertraline in young children with autism spectrum disorder. *Frontiers in Psychiatry, 10*: 810. <https://doi.org/10.3389/fpsy.2019.00810>
- Dwyer, P.,** Xu, B., & Tanaka, J. (2019). Investigating the perception of face identity in adults on the autism spectrum using behavioural and electrophysiological measures. *Vision Research, 157*, 132-141. <https://doi.org/10.1016/j.visres.2018.02.013>
- Tanaka, J., **Dwyer, P.,** & Kyotani, H. (2017). Face processing in autism: Active avoidance of the eyes versus passive indifference. In F. Volkmar (Ed.), *Encyclopedia of Autism Spectrum Disorders* (living ed.). https://doi.org/10.1007/978-1-4614-6435-8_102199-1
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Under review

- Vivanti, G., Rogers, S. J., **Dwyer, P.,** & Rivera, S. M. Early learning in autism as an atypical balance between assimilation and accommodation processes. Manuscript submitted for publication.
- Dwyer, P.,** Vukusic, S., Williams, Z. J., Saron, C. D., & Rivera, S. M. “Neural noise” in auditory responses in young autistic and neurotypical children. Manuscript submitted for publication.
- Schuck, R. K., **Dwyer, P.,** Penner-Baiden, K. M., Williams, Z. J., Wang, M. Social validity of pivotal response treatment for young autistic children: Perspectives of autistic adults. Manuscript submitted for publication.
- Dwyer, P.,** Takarae, Y., Zadeh, I., Rivera, S. M., & Saron, C. D. A multidimensional investigation of sensory processing in autism: Parent- and self-report questionnaires, psychophysical thresholds, and event-related potentials in the auditory and somatosensory modalities. Minor revision.
- Waisman, T.C., Williams, Z., Cage, E., Santhanam, S. P., Magiati, I., **Dwyer, P.,** Stockwell, K., Kofner, B., Brown, H., Davidson, D., Herrell, J., Shore, S., Caudel, D., Gurbuz, E., Gillespie-Lynch, K. Learning from the experts: Evaluating a participatory autism and Universal Design training for university teaching staff. Manuscript submitted for publication; undergoing minor revision.
- Dwyer, P.,** Takarae, Y., Zadeh, I., Rivera, S. M., & Saron, C. D. Multisensory integration and interactions across vision, hearing, and somatosensation in autism spectrum development and typical development. Manuscript submitted for publication. Revise & resubmit.
- Dwyer, P.** (With editors). Autonomy and inclusion. Invited book chapter.
- Dwyer, P.** (With editors). Disability in the schools: Segregation, full inclusion, or free inclusion? Invited book chapter.
- Dwyer, P.** (With editors). Heterogeneity and clustering in autism: An introduction for critical scholars. Invited book chapter.

Posters and Presentations

**Asterisk designates posters/presentations by undergraduate research assistants/Honours students that I provided mentorship to*

*Chang, D. S., **Dwyer, P.**, Sillas, A., Grugan, C. S., & Rivera, S. M. (2022, June). *Young autistic and non-autistic children's gaze behavior during and after emotional face cueing*. Symposium presentation abstract submitted to the Jean Piaget Society, Philadelphia, PA, USA.

Dwyer, P., Sillas, A., Grugan, C. S., & Rivera, S. M. (2022, June). *Sticky attention, novelty preference, and sensory hyper-responsiveness in young autistic children*. Symposium presentation abstract submitted to the Jean Piaget Society, Philadelphia, PA, USA.

Grugan, C. S., **Dwyer, P.**, Sillas, A., & Rivera, S. M. (2022, June). *Sleep problems and threat bias in autistic children during early childhood*. Symposium presentation abstract submitted to the Jean Piaget Society, Philadelphia, PA, USA.

Dallman, A., Gassner, D., & **Dwyer, P.** (2022, May). *Building on the strengths of autistic scholars by addressing systemic barriers to autistic success in academia: Year one results of an INSAR Special Interest Group*. Poster accepted by the International Society for Autism Research, Austin, TX, USA.

Dwyer, P., Kapp, S. K., Gillespie-Lynch, K., Chang, D. S., & Rivera, S. M. (2022, May). *Stakeholder opinions on neurodiversity and autism intervention*. Poster accepted by the International Society for Autism Research, Austin, TX, USA.

Grossman, E., Herrell, J., Riccio, A., Biswas, S., Pak, E., Ulerio, C., Delos Santos, J., **Dwyer, P.**, Shevchuk-Hill, S., Dave, S., Hwang-Geddes, L., Kofner, B., Gravitch, K., Faye-Concepcion, R., Major, T., Rosenberg, B., Martin, W., Hurst, A., Gillespie-Lynch, K. *How Can We Effectively Engage Autistic Teens in Online Learning Opportunities? Use Universal Design but Remember it is a Process and Should be Student Interest Driven*. Poster accepted by the International Society for Autism Research, Austin, TX, USA.

*Chang, D. S., **Dwyer, P.**, Sillas, A., Grugan, C. S., & Rivera, S. M. (2022, April). *Gaze to faces and objects in young autistic and non-autistic children in response to emotional face cueing*. Poster abstract submitted to the UC Davis Undergraduate Research Conference, Davis, CA, USA.

Dwyer, P., Takarae, Y., Zadeh, I., Rivera, S. M., & Saron, C. D. (2022, April). *Inter-trial variability of motor and electrophysiological responses in autism spectrum and typical development*. Poster presentation accepted by the Cognitive Neuroscience Society meeting, San Francisco, CA, USA.

*Hersh, L., **Dwyer, P.**, Gillespie-Lynch, K., Kapp, S. K., Chang, D. S., & Rivera, S. M. (2022, April). *How should we talk about autism? Terminology preferences and support for the neurodiversity movement*. Poster abstract submitted to the Stanford Research Conference, virtual.

*Hersh, L., **Dwyer, P.**, Kapp, S. K., Gillespie-Lynch, K., Gurba, A., Chang, D. S., & Rivera, S. M. (2022, April). *Differences of neurodiversity support levels between gender identity and ethnic groups*. Poster abstract submitted to the UC Davis Undergraduate Research Conference, Davis, CA, USA.

*Jones, J. J., Rose, M., **Dwyer, P.**, Grugan, C. S., Sillas, A., & Rivera, S. M. (2022, April). *Looking while listening: Using eye-tracking to measure language understanding in young autistic and typically developing children*. Poster abstract submitted to the UC Davis Undergraduate Research Conference, Davis, CA, USA.

- *Lopez, M. D., Sehgal, R., **Dwyer, P.**, Grugan, C. S., Sillas, A., & Rivera, S. M. (2022, April). *Audiovisual integration in young autistic and typically-developing children*. Poster abstract submitted to the UC Davis Undergraduate Research Conference, Davis, CA, USA.
- Herrell, J., Grossman, E., Waisman, T.C., Delos Santos, J., Kofner, B., Shevchuk-Hill, S., Gravitch, K., Biswas, S., Rosenberg, B., **Dwyer, P.**, Riccio, A., Ulerio, C., Hurst, A., O'Brien, S., Messina, C., & Gillespie-Lynch, K. (2022). *Let's talk about representation: Discussing social justice with neurodivergent young people*. Talk presented at the 4th Annual CUNY Neurodiversity Conference entitled 'Intersectionality: Honoring the Whole Self to Transform How We See Ourselves & Others', online.
- *Hersh, L., **Dwyer, P.**, Kapp, S. K., Gillespie-Lynch, K., Chang, D. S., & Rivera, S. M. (2022, January). *Stakeholder views of autism interventions: Effects of closeness to autistic people with high support needs*. Poster presented at the National Collegiate Research Conference, Harvard University, virtual.
- Dwyer, P.**, Vukusic, S., Sillas, A., Saron, C. D., & Rivera, S. M. (2021, November). *Distinct auditory ERPs in autism with and without disproportionate megalencephaly*. Poster presentation at the Society for Neuroscience, virtual.
- Mineo, E., Mifsud, K., Gurba, A., Lindholm, C., & **Dwyer, P.** (2021, October). *Transformational neurodivergent leadership at college: Aggie Neurodiversity Community at UC Davis*. Session at the College Autism Summit, virtual.
- Gillespie-Lynch, K., Rosenberg, B., Herrell, J., Grossman, E., Riccio, A., **Dwyer, P.**, ... Hurst, A. (2021, October). *Never going back to "normal": Promoting engagement in informal STEM learning as a path to employment for adolescents with ASD*. Invited talk in a concurrent session entitled 'Never going back to normal: Re-imagining priorities, expectations, and the work within a pandemic-informed context' at the 2021 National Science Foundation Advancing Informal STEM Learning (AISL) Awardee Meeting.
- Cage, E., Waisman, TC, Santhanam, S.P., Magiati, I., **Dwyer, P.**, Stockwell, K., ... Gillespie-Lynch, K. (2021, August). *Educating the educators: The development and evaluation of online training on Autism and Universal Design for university teaching staff*. Oral presentation at the Autistica Research Festival, virtual.
- Dwyer, P.**, Saron, C. D., & Rivera, S. M. (2021, June). *Inter-trial variability of sensory responses in autistic and neurotypical children*. Presentation at the 2021 virtual Autism Centers of Excellence Investigators Meeting.
- Dwyer, P.** (2021, June). The Neurodiversity approach: Challenging the medical model of neurodevelopmental disabilities. In S. M. Rivera (Chair), *Constructivism and developmental disabilities: The case of autism*. Invited symposium at the 2020 Jean Piaget Society meeting, cancelled and rescheduled to the virtual 2021 Jean Piaget Society meeting due to COVID-19. <https://youtu.be/3ylKccb8dno>
- Nicholas, D. B., Lowe, K., & **Dwyer, P.** (2021, May). *An ecosystem approach to mentorship among autistic students*. Interactive presentation at the virtual 2021 University of Calgary Conference on Postsecondary Learning and Teaching.
- Dwyer, P.**, Williams, Z. J., Vukusic, S., Saron, C. D., & Rivera, S. M. (2021, May.) *"Neural noise" in and habituation of auditory responses in young autistic and typically-developing children*. Poster presented at the virtual 2021 International Society for Autism Research (INSAR) meeting.

- Kofner, B., Oredipe, T., Riccio, A., Cage, E., Kapp, S. K., **Dwyer, P.**, ... Gillespie-Lynch, K. (2021, May). *When should you tell your child they are autistic? Insights from a participatory study with autistic university students*. Poster presented at the virtual International Society for Autism Research (INSAR) meeting.
- Penner, K. M., Schuck, R. K., **Dwyer, P.**, Williams, Z. J., Jetvic, A., & Wang, M. (2021, May.) *Early intervention for autistic children: Incorporating perspectives of autistic adults*. Poster presented at the virtual International Society for Autism Research (INSAR) meeting.
- Schuck, R. K., Penner, K. M., **Dwyer, P.**, Williams, Z. J., Jetvic, A., & Wang, M. (2021, May.) *Pivotal response treatment: Incorporating perspectives of autistic adults*. Poster presented at the virtual International Society for Autism Research (INSAR) meeting.
- Waisman, T. C., Cage, E., Santhanam, S. P., Magiati, I., **Dwyer, P.**, Stockwell, K., ... Gillespie-Lynch, K. (2021, May). *Learning from the experts: Evaluating a participatory autism and universal design training for university teaching staff*. Poster presented at the virtual International Society for Autism Research (INSAR) meeting.
- Dwyer, P.**, Takarae, Y., Saron, C. D., & Rivera, S. M. (2021, April.) *A multidimensional investigation of sensory processing in autism: Neurophysiological, psychophysical, self-report, and parent-report measures*. Graduate Student Symposium presentation at the Gatlinburg Conference (virtual meeting).
- Riccio, A., Kapp, S. K., Cage, E., Vincent, J., **Dwyer, P.**, DeNigris, D., ... Gillespie-Lynch, K. (2021, April). *What helps autistic university students develop autistic identity and thrive?* Flash talk presented as an oral presentation in a session entitled 'Social and Emotional Wellbeing for Differently-abled Individuals and their Families' at the Society for Research in Child Development conference (virtual meeting).
- Dwyer, P.**, Takarae, Y., Rivera, S. M., & Saron, C. D. (2021 March.) *Multisensory integration across vision, hearing, and somatosensation in autism spectrum and typical development*. Poster and data blitz talk at the Cognitive Neuroscience Society conference (virtual meeting).
- Dwyer, P.**, Saron, C. D., & Rivera, S. M. (2021, January.) *Opposing intensity adaptation effects in auditory event-related potentials from young children*. Virtual poster presentation at the Society for Neuroscience Virtual Connectome meeting.
- Dwyer, P.**, & Saron, C. D. (2020, October.) *Electrophysiological approaches to exploring individual differences in sensory processing and multisensory integration in individuals with autistic and typical development*. Invited Research Seminar Series presentation, UC Davis MIND Institute.
- Dwyer, P.**, Ferrer, E., Saron, C. D., & Rivera, S. M. (2020, October.) *Exploring sensory processing in typical development and autism spectrum development using factor mixture modelling and event-related potentials*. Virtual poster presentation at the Society for Psychophysiological Research Annual Meeting, Vancouver, BC.
- Dwyer, P.**, Wang, X., Hsieh, F., Saron, C. D., & Rivera, S. M. (2020, May). *Exploring heterogeneity in auditory electrophysiological responses of young autistic and typically-developing children using hierarchical clustering*. Oral presentation accepted by the INSAR 2020 Annual Meeting, Seattle, WA. Cancelled due to COVID-19 and presented as virtual poster.
- *Camp, E., **Dwyer, P.**, Sillas, A., & Rivera, S. M. (2020, May). *Using eye tracking and a standardized assessment to explore cognition in autism*. Virtual poster presentation at the UC Davis Undergraduate Research Conference, Davis, CA.

- Cheriyen, C., Shevchuk, S., Riccio, A., Vincent, J., Kapp, S.K., **Dwyer, P.**, Cage, E., & Gillespie-Lynch, K. (2020, May). *Factors that influence career choice: Insights from a participatory study with autistic and non-autistic college students*. Poster accepted by the INSAR 2020 Annual Meeting, Seattle, WA. Cancelled due to COVID-19.
- Diamond, E., **Dwyer, P.**, & Williams, Z. J. (2020, May). *Discrepancies in answering on suicide relevant questions between autistic adults and parents answering in their stead, an insight into risk and masking*. Poster accepted by the INSAR 2020 Annual Meeting, Seattle, WA. Cancelled due to COVID-19.
- *Prieto, M., **Dwyer, P.**, Sillas, A., & Rivera, S. M. (2020, May). *Examining attentional disengagement in autism using the gap-overlap paradigm*. Virtual poster presentation at the UC Davis Annual Psychology Conference, Davis, CA.
- Riccio, A., Kapp, S. K., Cage, E., Vincent, J., DeNigris, D., Jordan, A., Delos Santos, J., **Dwyer, P.**, Kofner, B., Solomon, J., Hossain, M., Gillespie-Lynch, K. (2020, May). *An overview of university accommodations and supports for autistic students: A cross-institutional survey study*. Poster accepted by the INSAR 2020 Annual Meeting, Seattle, WA. Cancelled due to COVID-19.
- *Sudayuwarn, T., Lopez, G., **Dwyer, P.**, Sillas, A., & Rivera, S. M. (2020, May). *Using passive eye tracking to measure receptive language comprehension in autism*. Virtual poster presentation at the UC Davis Annual Psychology Conference, Davis, CA.
- *Tevelev, S., **Dwyer, P.**, Sillas, A., & Rivera, S. M. (2020, May). *An exploration of anxiety and threat bias in autism*. Virtual poster presentation at the UC Davis Annual Psychology Conference, Davis, CA.
- Dwyer, P.**, Saron, C. D., & Rivera, S. M. (2020, April). *Examining inter-trial variability in, and habituation of, loudness-dependent auditory ERPs in young autistic and typically-developing children*. Poster accepted by the 53rd Gatlinburg Conference, San Diego, CA. Cancelled due to COVID-19.
- Saron, C. D., Takarae, Y., Mohammad-Rezazadeh, I, De Meo-Monteil, R., **Dwyer, P.**, & Rivera, S. M. (2020, January). *Inter- and intra-individual variability in multisensory integration in autism spectrum development: A behavioral and electrophysiological study*. Invited symposium talk at Human Vision and Electronic Imaging 2020, Burlingame, CA.
- Dwyer, P.**, De Meo-Monteil, R., Saron, C. D., & Rivera, S. M. (2019, October). *Age-related differences in auditory ERP responses to sounds of varying loudness in autism and typical development*. Poster presented at the Society for Neuroscience conference, Chicago, IL.
- Dwyer, P.**, De Meo, R., Saron, C. D., & Rivera, S. M. (2019, May). *Relationships between auditory ERP responses and caregiver-reported sensory behaviours in young children with autism spectrum development*. Oral presentation at the INSAR 2019 Annual Meeting, Montréal, QC.
- Diamond, E., Rediker, A., **Dwyer, P.**, & Diamond, J. M. (2019, May). *A new adult screening measure for autism: An international collaborative project and initial results*. Poster presented at the INSAR 2019 Annual Meeting, Montréal, QC.
- Dwyer, P.**, Wang, X., De Meo-Monteil, R., Hsieh, F., Saron, C., & Rivera, S. M. (2019, April). Investigating sensory subtypes using auditory ERPs in young children with autism and typical development. In A. L. Hogan (Chair), *Neurophysiological indicators of ASD-related behavioral phenotypes*. Symposium at the 52nd Gatlinburg Conference, San Antonio, TX.

Dwyer, P., Wang, X., De Meo-Monteil, R., Hsieh, F., Saron, C., & Rivera, S. M. (2019, March). *Defining sensory subtypes in young children with autism or typical development using loudness-dependent auditory ERPs*. Poster presented at CNS 2019, San Francisco, CA.

Dwyer, P., De Meo-Monteil, R., Saron, C., & Rivera, S. M. (2018, October-November). *Heterogeneity in the auditory ERP responses of young, typically-developing children*. Poster presented at the 51st Annual Meeting of the International Society for Developmental Psychobiology, San Diego, CA.

Dwyer, P., Burris, J. L., Bussey, T., & Rivera, S. (2018, April). *Using eye tracking to examine the receptive vocabulary of young children on the autism spectrum*. Poster presented at the 51st Gatlinburg Conference, San Diego, CA.

Dwyer, P., Xu, B., & Tanaka, J. (2017, May). *Investigating neural sensitivity to face identity in adults with Autism Spectrum Disorder (ASD) using EEG*. Oral presentation at the 2017 NorthWest Cognition And Memory (NOWCAM) conference, Vancouver, BC.

Dwyer, P., Xu, B., & Tanaka, J. (2017, April). *Investigating neural sensitivity to face identity in adults with Autism Spectrum Disorder (ASD) using EEG*. Oral presentation at Making Waves 2017: An Undergraduate Psychology Research Conference, Victoria, BC.

Dwyer, P., Baldassari, M., & Lindsay, D. S. (2016, May). *People with autism: lineup identification and facial recognition memory*. Oral presentation (speed talk) at the 2016 NorthWest Cognition And Memory (NOWCAM) conference, Vancouver, BC.

Dwyer, P., Yadeta, J., Xu, B., & Tanaka, J. W. (2016, April). *Perception and production of facial expressions by children with autism*. Poster presented at the Psychology Students Of Vancouver Island Poster Session (PSOVIPS), Victoria, BC.

Dwyer, P., Baldassari, M., & Lindsay, D. S. (2016, March). *People with autism: lineup identification and facial recognition memory*. Poster presented at the Jamie Cassels Undergraduate Research Fair, University of Victoria.

Dwyer, P., Muncherji, S., Kara, S., Rosenbaum, J., & Baldassari, M. (2015, April). *Subjective reports of memory for lineup rejections*. Poster presented at the Psychology Students Of Vancouver Island Poster Session (PSOVIPS), Victoria, BC.

Current Projects

2021 – present..... Hyper-focus and sensory experiences in autism

- Secured funding (fellowship from Autism Speaks – see below) and IRB approval for in-person study exploring sensory experiences and attention in autism.
- Currently preparing laboratory and tasks in advance of data collection.
- Currently planning additional online study to complement in-person project.

2021 – present..... Stakeholder perspectives on autism, intervention, and neurodiversity.

- Used mixed methods survey to investigate attitudes of stakeholders (autistic people, parents, professionals, researchers, including those with multiple roles) towards autism interventions, the neurodiversity movement, models of disability, and autism terminology.
- Collected data from hundreds of participants and conducted quantitative analyses.

- Supervised and mentored an undergraduate research assistant conducting further analysis of the data.

2021 – *present* Co-leader, **Building on the strengths of autistic scholars by addressing systemic barriers to autistic success in academia** (INSAR Special Interest Group or SIG).

- Worked to recruit advisors and collaborators and develop a plan and application for a three-year SIG regarding experiences of autistic academics.
- Co-hosted SIG virtually and facilitated collection of qualitative data from autistic and non-autistic SIG attendees by a team of breakout group facilitators and note-takers.

2020 – *present* **Behaviour intervention projects**

- Collaborating with research team based at UC Santa Barbara to study autistic community opinions regarding behaviour intervention. Helped with designing research project, developing quantitative items, recruiting participants, coding qualitative data, and preparing manuscripts and presentations regarding findings.
- Co-authored theoretical papers regarding behaviour intervention, neurodiversity, and developmental theory.
- Co-founded and facilitated meetings of an international group of autistic and non-autistic researchers interested in controversies surrounding behaviour intervention.

2019 – *present* **Multisensory integration in children with autism.**

- Investigated group differences in unisensory and multisensory processing using event-related potentials and behavioural responses to unimodal, bimodal, and trimodal (audio-visual-somatosensory) stimuli in autistic and typically-developing adolescents.
- Explored sensory processing in ASD and TD adolescents using questionnaire and, in the auditory and tactile modalities, behavioural/psychophysical measures.
- Investigated intra-individual variability in both EEG responses and in metrics of motor response timing, force, velocity, and acceleration based on reaction time data from a pressure transducer.

2019 – *present* **Education research projects.**

- Co-developed, with international collaborative group of researchers based at CUNY, an online training curriculum for faculty and TAs, the effectiveness of which has been supported by data from a pre-/post-study with 90 participants. Helped with curriculum development, participant recruitment, qualitative data coding, and literature review.
- Collaborating on a Social Sciences and Humanities Research Council (SSHRC)-funded collaborative project exploring experiences of autistic postsecondary students in Canada.
- Collaborating on project exploring engagement in game design workshops, Promoting Engagement in Informal STEM Learning as a Path to Employment for Adolescents with Autism (NSF 2005772).

2019 – *present* **Autistic Constellation Questionnaire (Aut-CQ).**

- Collaborated in the development of a new autism screening questionnaire for adults, which is currently undergoing validation.

2017 – *present* **Brain Research in Autism Investigating Neurophenotypes (BRAIN) ERP Studies.**

- Collected ERP data from autistic and neurotypical children (aged 2 – 3.5) and helped to set up the ERP laboratory for data collection. Processed ERP data using SOBI independent components analysis.
- Collected eye-tracking data in five tasks (respectively measuring attention switching, multisensory integration, language, attentional bias to threat, and novelty preference) and wrote scripts and protocols to process raw eye-tracking data files from each task.
- Supervised and mentored undergraduate research assistants conducting poster projects on data from these eye-tracking tasks.

2017 – present..... **Autism Phenome Project (APP) ERP Study.**

- Examined individual differences in large APP dataset of ERP responses to auditory stimuli of different loudness intensities. Utilized hierarchical clustering procedures to identify subgroups in time-wise ERP data using global field power as a metric.
- Used growth and factor mixture models to identify subgroups based on longitudinal questionnaire data collected in the APP and compared ERP waveforms of different subgroups.
- Conducted nonparametric analyses exploring relationships between time-wise ERP data and measured variables.
- Explored methods of quantifying ERP amplitudes and latencies while allowing for inter-individual variability in topography.
- Conducted cluster-based permutation and parametric analyses to explore trial-by-trial habituation and inter-trial variability.
- Explored whether responses to stimuli are modulated by the intensity of stimuli presented in preceding trials.

Academic Reviewing Experience

Journal reviewing.... *Autism in Adulthood*

Research in Autism Spectrum Disorders

European Child & Adolescent Psychiatry

Journal of Autism and Developmental Disorders

Molecular Autism

Autism Research

Autism

2021 Expert Reviewer, WHO Caregiver Skills Training Program

2021 Panelist, National Standards Project, National Autism Center at May Institute

- Provided feedback regarding scheme for coding autism intervention studies in review of evidence-based practices.

2020 – present..... Member, [Autistic Researcher Review Board](#), Autism Intervention Research Network on Physical Health (AIR-P)

- Evaluated AIR-P research fellowship applications.
- Developing resources to facilitate collaboration between AIR-P sites and autistic people and other stakeholders in their communities.
- Reviewed submissions for AIR-P *Pediatrics* supplements.
- As a member of the AIR-P Database Committee, provided guidance regarding a to-be-implemented tool for researchers to post project ideas online, facilitating collaborations with other sites and offsetting disparities in funding and resources.

2013 – 2018..... Editorial Board Member, *Autism's Own Journal*

Society and Non-Profit Organizations Experience

- 2022 Member, autistic researcher-led working group to develop fellowship opportunities for autistic researchers, [Autism Speaks USA](#)
- 2021 – present..... Planning committee member, MIND Summer Institute on Neurodevelopmental Disabilities.
- 2020 – 2021..... Member, [Autistic Co-Author Board](#), Autism Campus Prep, Sinneave Foundation
- Co-authored an online curriculum for prospective autistic postsecondary students, to prepare them for the unfamiliar environment and expectations of college, [which is freely available online](#).
- 2020 – present..... Co-Chair, [Autistic Researchers Committee](#), International Society for Autism Research (INSAR)
- Gathered a group of autistic researchers and proposed creation of a new INSAR committee, which was approved by the Board.
 - Collaboratively organized a virtual workshop to solicit community feedback regarding committee activities and projects and prepared a report on findings with recommendations for INSAR.
 - Collaboratively developed measures to enhance accessibility of INSAR meetings, such as quiet poster viewing times, an autistic social space, requirements to use flapplause, and autism training for staff.
- 2018 – present..... Member, [Consumer Advisory Committee](#), Center for Excellence in Developmental Disabilities (CEDD), UC Davis MIND Institute
- Participated in strategic planning for a university centre that bridges across gaps between research and communities.
- 2018 – 2020..... Frequent guest contributor to NSF-funded [Stairway to STEM](#) website.
- Developed information resources for autistic university students, their parents, and their educators.
- 2018 – present..... Founder and President, [Aggie Neurodiversity Community at UC Davis](#)
- Founded a peer-support community for autistic students at UC Davis.
 - Facilitated weekly live peer support meetings and Discord social community.
 - Assisted individual students with advocacy problems.
 - Organized public events related to autism and neurodiversity on campus.
 - Co-authored a resolution to hire mental health counselors specializing in neurodiversity, which UC Davis has committed to implementing.
 - Collaborated in the development and delivery of campus neurodiversity trainings for UC Davis and UC system personnel, including UC Davis Student Affairs administrators and centre directors, faculty and TAs in several UC Davis departments, and pre-veterinary and pre-medical students (e.g., see [link](#)).
 - Prepared recommendations regarding neurodiversity, equity, and inclusion which have been [endorsed by the University of California system-wide Academic Senate](#) and referred to the UC Office of the President for implementation.
- 2017 Information Database Reviewer with [ACT – Autism Community Training](#).
- Reviewed the Autism Information Database (AID) to verify the accuracy and relevance of existing information records.
 - Located and added additional information resources likely to be of interest to different stakeholders in the broad autism community.

- 2015 – 2017..... Director on the Board of [Community Living Victoria](#) (CLV).
- Served on the board of Vancouver Island’s largest community living not-for-profit organization (with over 200 staff).
- 2013 – 2017..... (*consecutively*) Member at Large, Treasurer, and Chairperson of the University of Victoria [Society for Students with a Disability](#) (SSD).
- Represented and advocated for students with disabilities as a board member of an official advocacy group affiliated with the University of Victoria Students’ Society (UVSS).
 - Budgeted the SSD’s resources, including its allotment of UVic student fees; supervised the SSD’s staff, including both Coordinator and work-study positions, and organized and promoted a variety of SSD events.
- 2013 – 2017..... Facilitator and Vice-President of **Authors with Autism**; peer-support group and University of Victoria club.
- Organized and directed meetings of a peer-support group of individuals diagnosed or self-identifying with autism.
 - Organized the Autism’s Own Conference in 2015 and 2016. Obtained sponsorships, promoted the events, arranged catering, and recruited presenters, performers, and volunteers.

Guest Lectures

- UC Davis SSM PEDS 493B (Intellectual and Developmental Disability in the Community)
..... Feb. 2022
- UC Davis Leadership Education in Neurodevelopmental & Related Disabilities (LEND) Seminar
..... Feb. 2021, 2022
- UC Davis FRS 002-022 (Seminar on Autism and Neurodiversity)..... Feb. 2020
- UC Davis PSC 148 (Neurodevelopmental Disorders)..... Mar. 2019, 2020, 2021, 2022
- UVic ED-D 539B (Leadership, Education, and Diversity) Jun. 2017

Additional Public Presentations and Outreach

- April 2022 **Dwyer, P.** *Autism and the neurodiversity movement: Can we support people without labeling them as deficient?* Invited presenter, Monthly Recognition Lecture Series, California State University Channel Islands John Spoor Broome Library.
- February 2022 **Dwyer, P.**, McKenney, E., Kofner, B., Shevchuk-Hill, S., & Gillespie-Lynch, K. *How can we use an understanding of the neurodiversity movement to develop socially valid supports for autistic people?* Webinar organized by the Autism Intervention Research Network for Physical Health (AIR-P) and the Association of University Centers on Disabilities (AUCD).
- February 2022 **Dwyer, P.**, Mifsud, K., & Lindholm, C. *Neurodiversity and the college campus.* Presentation to UC Davis Chancellor’s Leadership Team (chancellor, provost, vice chancellors).
- December 2021 Brown, H., & **Dwyer, P.** *Lessons from the neurodiversity movement: What CAPTAIN Cadre can do to better support autistic students.* Invited speaker, California Autism Professional Training and Information Network (CAPTAIN) Summit. Riverside, CA.
<https://youtu.be/soNbvjjxabo>

- November 2021..... Host, *Language matters: Using respectful language in autism research*. UC Davis Health. <https://youtu.be/AnQuY8IKpyA>
- November 2021..... Invited panelist. **Dwyer, P.**, Padilla, E., Vasquez, A. M., & Ball, A. *College panel 1: Listening to the voices of people with lived experience*. Stanford Neurodiversity Summit. Virtual. <https://youtu.be/WFpscbyUMFA?t=28706>
- November 2021..... Co-organizer, 3rd UC Davis Center for Mind and Brain/ MIND Institute **Neurodiversity Summit**. Theme: the neurodiversity movement, intellectual disability, and nonspeaking autism. Featuring presentations by Erik Carter and Vikram Jaswal, a panel discussion on discrimination, and a debate about the neurodiversity movement and high support needs.
- October 2021..... Invited panelist. Caplan, R., **Dwyer, P.**, Earley, F., & Harris, A. *The autism friendly campus*. NASPA College Autism Summit, virtual event.
- October 2021..... **Dwyer, P.**, Harrington, L., & Gurba, A. (2021). About that study on ‘preventing’ autism diagnoses, and how autism researchers can do better. *Thinking Person’s Guide to Autism*. <https://tinyurl.com/TPGAonWhitehouseStudy>
- October 2021..... Invited panelist, [discussion on language and terminology](#). Research Seminar Series, UC Davis MIND Institute.
- July 2021 Discussant following panel by Bandini, L., Curtin, C., & Must, A., *Obesity in autistic children & youth*, AIR-P Research Day at Autism CARES 2021.
- June 2021 **Dwyer, P.**, Mineo, E., Lindholm, C., & Mifsud, K. *Neurodiversity: An Under-Recognized Aspect of Diversity, Equity, and Inclusion*. Invited presentation for UC Academic Senate Committee on Affirmative Action, Diversity, and Equity (UCAADE).
- April 2021 Gillespie-Lynch, K., Cheriyan, C., Shevchuk- Hill, S. Riccio, A. Vincent, J., Kapp, S.K., **Dwyer, P.**, Cage, E., Attwood, H., Szczupakiewicz, S., Antony, T., Concepcion, R.F., Herrell, J., & Rosenberg, B. *Exploring the Career Motivations, Strengths, and Challenges of Autistic and Non-Autistic Students: Insights from a Participatory Study*. Paper at Microsoft's 3rd Annual Autism at Work Research Workshop, Virtual.
- April 2021 Mineo, E., **Dwyer, P.**, Lindholm, C., & Mifsud, K. *An Introduction to Neurodiversity and Suggested Actions for SALT Professionals at UC Davis*. Presentation to Student Affairs Leadership Team, including several dozen administrators and directors of UC Davis centers and offices providing support to students.
- April 2021 Gassner, D., **Dwyer, P.**, Ryan, J., Kapp, S., & Waisman, T.C. *Conducting Quality Participatory Autism Research*. Webinar organized by the Autism Intervention Research Network for Physical Health (AIR-P) and the Association of University Centers on Disabilities (AUCD).
- March 2021 Soetantyo, M., Harmetz, H., & **Dwyer, P.** *Rethinking Autism Employability*. Virtual event organized by the Fly Brave Foundation.
- February 2021 Presentation on autism and sensory overload for police trainees in Sacramento, CA.
- January 2021 Panelist, *Neurodiversity, autism, and identity*, Minds Behind the MIND Seminar Series, UC Davis Health. Virtual event.
- November 2020..... Co-organizer and panelist, 2nd UC Davis Center for Mind and Brain/ MIND Institute **Neurodiversity Summit**. Virtual event.
- November 2020..... Speaker, Facebook Live [discussion on autism and sensory processing](#), UC Davis Health.
- October 2020..... Invited panelist, Student Panel, NASPA College Autism Summit. Virtual event.

- August 2020 Facilitator, INSAR Virtual Workshops: Autistic Researchers Committee.
- February 2020 Waisman, T.C., Gassner, D., Gillespie-Lynch, K., Den Houting, J., Kapp, S., Nachman, B., Shore, S., & **Dwyer, P.** *Autism training for INSAR 2020*. Developed by INSAR's Autistic Researchers Committee.
- December 2019 Panelist, UC Davis EDU 115 (Educating Children with Disabilities)
- Nov. 2019 & 2020 ... **Dwyer, P.**, Kofner, B., Daou, N., Obeid, R., & Gillespie-Lynch, K. *Learning from the neurodiversity movement: How to identify socially valid treatment goals*. Invited Zoom talk at the Department of Hearing and Speech Sciences of the University of Maryland. College Park, MD.
- November 2019..... Solomon, M., **Dwyer, P.**, Wood, J., & Brookman-Frazee, L. (2019). *Supporting social emotional and mental health well-being of individuals with autism*. Keynote session, California Autism Professional Training and Information Network (CAPTAIN) Summit. Sacramento, CA.
- August 2019 **Dwyer, P.** (Facilitator), Almeda, J., Diaz-Covert, D., Guillaume, J., Harmetz, M., Parker, A., & Zulli, A. (2019). [*Autism from the inside out: Personal perspectives about challenges and successes shared by self-advocates with autism*](#). Keynote panel, MIND Summer Institute on Neurodevelopmental Disorders: Research to Practice. Davis, CA.
- July 2019 Gillespie-Lynch, K., **Dwyer, P.**, Kofner, B., & Cintula, T. (2019). *Recognizing neurological differences as invaluable aspects of human diversity: Learning from the neurodiversity movement how to promote effective communication and alleviate stigma*. Invited talk at the National Stuttering Association Research Symposium: Stuttering: Perspectives on Disability, Diversity and Culture. Fort Lauderdale, FL.
- May 2019 Co-organizer and speaker (**Dwyer, P.**, "Neurodiversity: Can we help people without calling them broken?"), 1st UC Davis Center for Mind and Brain/ MIND Institute [Neurodiversity Summit](#). Sacramento, CA.
- May 2019 Invited panelist, UC Davis, *Inaccessible Institutions: A Symposium on Disability and Neurodivergence*. Davis, CA.
- May 2019 Invited presenter, Bellevue College, *Imagine Your Future in STEM: Autism in STEM: Fostering Balanced and Inclusive Communities at School and at Work*. Bellevue, WA.
- January 2017 Speaker in Tanaka, J. (moderator), *Blows against the academy: shifting definitions of scholarship*. Symposium conducted at UVic Provost's Diversity Research Forum: Re-imagining Identities, Power, and Privilege, Victoria, BC.
- October 2015..... ACT-Autism Community Training, Panel Discussion on Thriving. Vancouver, BC.
- April 2015 ACT-Autism Community Training, Panel Discussion on Advocacy. Vancouver, BC.
- March 2014, 2015... Guest presentation, University of Victoria (UVic), PSYC 100B (Introductory Psychology II)
- March 2014 Guest presentation, Camosun College, CSEA 140 (Development and Diversity)

Fellowships and Graduate Research Funding

Autism Speaks Royal Arch Mason Central Auditory Processing Disorder Fellowship USD \$80,000
 Proposal ID #12874 2021-2023

This fellowship will fund a project aiming to:

- use psychophysical, questionnaire, reaction time, and event-related potential data to explore sensory phenotypes in autism;
- investigate hyper-focus and exogenous attention capture in autism; and

- explore the role of these attentional processes in autistic sensory experiences.

Role on Project: Fellow

U21 Network Graduate Collaborative Research Award USD \$5,000
 Funding for cross-cultural autism stigma study in Hong Kong, UK, and USA 2021-2022
 Role on Project: Co-Investigator

MIND Institute Diversity, Equity, and Inclusion Research Award USD \$1,000
 Funding for study on community views regarding neurodiversity and intervention 2021-2022
 Role on Project: Awardee

Autism Intervention Research Network for Physical Health (AIR-P) USD \$25,000
 Funding for serving on the AIR-P Autistic Researcher Review Board 2020-2025

UC Davis Deans' Distinguished Graduate Fellowship USD \$54,000
 2017-2019
 Stipend (plus tuition reimbursements) awarded to support first two years of graduate studies at UC Davis.
 Role on Project: Fellow

Other Honours and Awards

May 2021 UC Davis Psychology Templeton Travel Award

Various UC Davis Psychology Dukes Travel Award

2019, 2020, 2022 Autistic Researcher Travel Award, International Society for Autism Research (INSAR)

November 2018 Travel Award, International Society for Developmental Psychobiology (ISDP)

August 2017 Canadian Psychological Association Certificate of Academic Excellence

June 2017 Dean's Honour List for Social Sciences, University of Victoria

March 2017 Vanderhoef International Graduate Student Fellowship

Alex & Phyllis McCalla International Graduate Student Support Award

September 2016 Nominated by the University of Victoria as a candidate for the Rhodes Scholarship in the province of British Columbia

July 2016 Hector William Hadland Scholarship in Psychology

September 2015 Jamie Cassels Undergraduate Research Award (JCURA)

July 2014 Hector William Hadland Scholarship in Psychology

November 2012 Governor General's Bronze Academic Medal (highest graduating average, South Island Distance Education School)

August 2012 University of Victoria Renewable Excellence Scholarship (renewed annually for four years)

Society Memberships

International Society for Autism Research (INSAR)

College Autism Network (CAN)

CogNeuro Society (CNS)

Society for Psychophysiological Research (SPR)

Society for Neuroscience (SFN)

Mentorship

During my time in the in the Neurocognitive Development Lab, I have directly provided mentorship to thirteen undergraduate research assistants. I have tried to ensure that these research assistants have opportunities to obtain useful, CV-building experiences in the lab. Research assistants have, with my supervision, been first authors on eleven poster or presentation abstracts submitted to conferences (see “Posters and Presentations” above). Two research assistants are currently working on Honours research projects under my supervision.

Computer Skills

RStudio, MATLAB (including EEGLAB, ERPLAB, FieldTrip), Python, MPlus, Neurobehavioral Presentation, Microsoft Office, project management and video conference tools, Dedoose, SPSS, CARTOOL, BESA

Research Methods

Electrophysiology (EEG/ERP), eye-tracking, cognitive-behavioural tasks, psychophysical tasks, questionnaire and survey research, mixed methods/qualitative research